HEMEROLOGEION

ad Annum secundum post intercalarem.

OR,

A Revolutionall Description of the second year after the Bissextile or Leap-year, being the year of our Lord 1654.

Wherein is contained the apparent Motions of the Luminaries, and other Planets: and the Syzygia's of the Planets with the Moon; and the mutual Aspects amongst themselves, together with an absolute Description of the particular inclination of the Aire,

The Eclipses and ingresses, being theirically propounded and resolved by Trigonometricall operation (as being more absolute then any Astronomicall Tables yet extant) together with Astrologicall significations belonging thereto.

The whole is composed according to Rule,

By FRANCIS MITCALFE, *Philomon Philos.*

And reduced to the Meridian of *Leeds* in York-shire, whose zenith is distant from the Equator northwards 53d. 55m. and from the Meridian of *Uraniburg* westward (according to Kepler) 12d. 45m.

Yet may serve generally for all BRITAIN.

LONDON,
Printed for the Company of STATIONERS.

To his ingenious, and highly esteemed Brother, FRANCIS METCALFE.

Who would think the Sun should shine so clear
Into the North, to make such fruit appear
On pleasant branches mounting up so high,
Whose glorious leaves doe spread the azure Sky.
And every leafe hath tituled upon
Learned METCALFS *Hemerologeion*:
When thou beholdst the largness of the skies;
Thou knowst from whence the vapours doe arise,
And this thy ALMANACK doth tell us plain,
We must have many pleasant shours of rain,
And from the Synod of those wandring stars,
Thou shewst to us the cause of civill wars:
There's not a star moves in that heavenly Skem
That can fore-shew, but thou knowst what they mean.
I do admire, and 'tis a wondering,
Thy childish head should have such knowledg in
(For to extract such deep contrivances
From) those coelestial Arts and Sciences:
From Trigonometry thou didst extract
Thy Theorick Orb, and place it most exact,
I stand amaz'd to see those squared signs,
So rarely deck't with arches, tangents, lines:
For thine Eclipse thou shew'st a perfect way
To find the Earths *Dice*, or Moons *Penumbra*:

What

What excellencies thou haſt acted here
Within this little Abſtract of the year!
Large Calculations thou haſt nimbly wrought
Which from the Logorithms thou ſo deeply ſought
And placed here: Aſtronomicall tyle it is
Compoſ'd by Art for thine Ephemerides,
Where thou haſt fixt the glory of the ſphear
And ſtopt the mouths of thoſe that do appear
'Gainſt Art, whoſe teeth do bite Aſtrology
And their jawes open againſt Aſtronomy
As if they would devour that curious Art;
Yet *Iob* that holy Prophet takes thy part:
And for to write thy pen it is not ſlack
To graft it's praiſe in this thy *Almanack*.

ST: METCALFE.

Common Notes obſervient this year

according to the Iulian account		according to the Gregorian account
2	the golden Number	2
11	the Circle of the Sun	11
22	the Epact	12
A	the Dominicall Letter	D
5	Number of direct.	8
7	the Roman indiction	7

intervallum minus
ſix weeks.

The Characters of the 12 Signes of the Zodiak

♈ ♉ ♊ ♋ ♌ ♍ ♎

Aries, Taurus, Gemini, Cancer, Leo, Virgo, Libra,

♏ ♐ ♑ ♒ ♓

Scorpio, Sagittarius, Capricorn, Aquarius, Pisces,

The Characters of the Planets

♄ ♃ ♂ ☉ ♀ ☿ ☾

Saturne, Iupiter, Mars, Sol, Venus, Mercurie Luna.

☊ The Dragons head.
☋ The Dragons taile.

Characters of the Aspects both old and new.

☌	conjunction	□	quartile
vg	viginti le	td	tridecile
qd	quindecile	△	trine
sf	semisextile	ssq	sesquiquadrate
dc	decile	bq	biquintile
sq	semiquadrate	vc	quincunx
q	quintile	☍	opposition
✱	sextile		

The bright planet Venus is occidentall or our evening Star from the begining of the year until the 17 of Aprill following, on which day (in respect of the Earth) she is in conjunction with the Sun, and begineth to bee occidentall, continuing so till the end of the year.

the Moon the day, at 3 and 49 minutes afternoon
full quarter the 15 day 59 min. after 7 at night.
Wane Moon 22 day, 1 min. past 4 afternoon
Last quarter the 30 day, 4 min. after high noon

February hath xxviii dayes

New Moon the 7 day, at 6 & 27 min. in the morning
First Quarter the 14 day, at 3 a clock in the morning
Full Moon the 21 day, 31 min. after 6 in the morn

		Feastivall Dayes	Moons place	Disposicion of the weather	Sun rise	Sun set
1	d	Brigee	♐ 15	☌☉♄.4☽p.	7 25	4 35
2	e	Purif. Mar:	27	this month be	7 23	4 37
3	f	Blase	♑ 9	windy with clou=	7 20	4 40
4	g	Gilbert	21	dy weather	7 18	4 42
5	A	Shrove sun.	♒ 5	☌♄☽	7 16	4 44
6	b	Dozathy	18	temperate	7 13	4 47
7	c	Angules	♓ 2	☿ apog. cpic	7 11	4 49
8	d	Earth in ♍	15		7 9	4 51
9	e	Apolline	29	variable	7 7	4 53
10	f	Scholastica	♈ 14	✶♂☽	7 5	4 55
11	g	Desiderius	28	☌☉☿16.36p	7 3	4 57
12	A	Quadragesi.	♉ 13	Winds cleare=	7 1	4 59
13	b	Terra cries	27	ing for three	6 58	5 2
14	c	Valentine	♊ 11	△♄☿2. 10 a	6 56	5 4
15	d	Faustine	25	or four dayes	6 54	5 6
16	e	sun rise 6 48	♋ 9	□♂☿2.24p	6 52	5 8
17	f	Polleron	23		6 50	5 10
18	g	Simeon	♌ 7	✶♂☿11a.	6 48	5 12
19	A	sun in Lent	20	△♄♂6. 17a	6 45	5 15
20	b	Peters Chair	♍ 3	cold & moist	6 43	5 17
21	c	69 Martyrs	16	✶☿☿ 6.20 a	6 41	5 19
22	d	Peters chair	28	season	6 38	5 22
23	e	Dissertile	♎ 11		6 36	5 24
24	f	Mathias	23	☌♃☿5.38 a	6 34	5 26
25	g	sun rise 6.28	♏ 5	more cleare	6 31	5 29
26	A	sun in Lent	16	but windy	6 29	5 31
27	b	Augustine	28	fair	6 27	5 33
28	c	Oswaldus	♐ 11	inconstant.	6 42	5 36

March hath xxxi dayes.

Last quarter 1 day, 15 min. after 8 in the morning.
New Moon 8 day, 7 min past 6 at night.
First quarter 15 day, 22 min. after 10 before noon
Full Moon 22 day, 7 min. after 10 at night
Last quarter 31 day, at 2 and 5 min. in the morn

1	l	David	♐	23	✱♃♀11.0 p	6	22	5	38
2	e	Chad Bish.	♑	6		6	20	5	40
3	f	Maurice		16		6	18	5	42
4	g	Adrian	♒	1		6	16	5	44
5	a	4 sun. in Lent		14	☍♄☽ faire	6	13	5	47
6	b	sun rise 6 10		27	weather	6	11	5	49
7	c	Perpetue	♓	11	temperate	6	9	5	51
8	d	Felix		25	♃ apog epic	6	6	5	54
9	e	40 Martyrs	♈	9	variable	6	4	5	56
10	f	Garth in ♎		23	☌☉☿8.41 a	6	2	5	58
11	g	Quirion	♉	8	winds clear=	6	0	6	0
12	a	5 sun in Lent		23	ing.	5	58	6	2
13	b	sun rise 5 56	♊	8	✱♃♂9.14 a	5	56	6	4
14	c	Candide		23	cold rain	5	54	6	6
15	d	Longine	♋	6	a troubled air	5	51	6	9
16	e	Boniface		20	inconstant	5	49	6	11
17	f	St. Patrick	♌	4		5	47	6	13
18	g	sun rise 5 42		17	Rain or haile	5	44	6	16
19	a	6 sun in Lent	♍	0		5	42	6	18
20	b	Cuthbert		13	dry winds e	5	40	6	20
21	c	Bennet		25	△♄☿11.50a	5	38	6	22
22	d	Afradosse	♎	7	cleare aire.	5	36	6	24
23	e	Theodore		19	☌♂♀4. 24 a	5	33	6	27
24	f	Joseph	♏	1	apertio po ta=	5	31	6	23
25	g	Annu. Mary		13	rum to rain	5	29	6	31
26	a	Easter day		25	□♄☽ clouds	5	26	6	34
27	b	Resurection	♐	7	fair □♃☽	5	24	6	36
28	c	Dorothy		18	the month end	5	22	6	38
29	d	Eustace	♑	1	with rain if	5	20	6	40
30	e	Quirine.		13	△☉♄3.33p	5	18	6	42
31	f	Adeline		26	not thunder	5	16	6	44

New Moon the 7 day 29 min after 3 in the morning
First quarter the 13 day, 45 min. past 6 afternoon.
Full Moon 21 day 49 min. past one afternoon
Last quarter 29 day, 22 min. past 4 afternoon

1	g	Mary Egypt	♎ 9	month begins	5 14	6 46
2		1 Sun. af ☉	22	with rain.	5 12	6 48
3	b	Richard B.	♑ 5		5 10	6 50
4	c	Ambrose	19	meere clear	5 8	6 52
5	d	Martian	♉ 2	☌☿ 8,40a	5 6	6 54
6	e	Sextus	17	☌☿☉ 10a	5 4	6 56
7	f	Egisippus	♊ 2	wind & rain	5 2	7 58
8	g	Perpetuus	17	variable	4 59	7 59
9		2 Sun. af ☉	♋ 2	clear	4 57	7 3
10	b	Garth in m	16	□☿♀ 11.21a	4 55	7 5
11	c	Julius	♌ 0	warm & wind	4 53	7 7
12	d	Term begins	14	☌☽, ☌☉☽	4 51	7 9
13	e	Ermegil M.	27	inclining to	4 49	7 11
14	f	Olifte	♍ 10	rain	4 47	7 13
15	g	Leonard	23	Sperig epic	4 45	7 15
16		3 Sun. af ☉	♎ 5	☌☉♀ 5, 12 p	4 43	7 17
17	b	Andrews	17	temperate sho	4 40	7 20
18	c	Quintin	28	△♂●	4 38	7 22
19	d	Alphage	♏ 12	moist	4 36	7 24
20	e	Victor	22	☌♀☽. △♂☽	4 34	7 26
21	f	Simeon	♐ 4	fair	4 32	7 28
22	g	Sothor Bish	16	● apog	4 30	7 30
23		4 Sun. af Eas	27	inconstant	4 28	7 32
24	b	Milfride	♑ 9	△☿●, □☿☽	4 26	7 34
25	c	Mark Evan	21	rain like	4 24	7 36
26	d	Clere Bish.	♒ 4	temperat win	4 22	7 38
27	e	Anastacius	17	☌☉☿ 10 57a	4 20	7 40
28	f	Vitalis	♓ 0	clear, the w	4 18	7 42
29	g	Peterned	♈ 4	wind & rain	4 16	7 44
30		Rogat Sun.	18	☌☉♀ 0. 10p	4 14	7 46

May hath xxxi dayes.

New Moon the 6 day, 10 minutes after high noon
First quarter the 13 day, at 4 ⊕ 55 min. in the moon.
Full Moon 21 day 12 min. after 4 in the morning
Last quarter the 29 day, at 3 ⊕ 10 min. in the moon.

1	b	Phil. & Jacob	♓	13	moist	4	12	7	48
2	c	Athanasius		27	✶♄☿ 1.22 p	4	10	7	50
3	d	Invent. Cru	♈	12	windy	4	8	7	52
4	e	Ascension da		26		4	6	7	54
5	f	Gotherd	♉	11	obeicast	4	4	7	56
6	g	John port lat		26	wind bring-	4	3	7	57
7	A	1 Sun af Ro.	♊	11	ing rain	4		7	59
8	b	Term ends		26	✶♄☽.✶♀☽	4		8	0
9	c	Nicholas	♋	11	windy	3	58	8	2
10	d	Pancrat		25	△♃☽.□♀☽	3	57	8	3
11	e	Earth in ♐		9	atroubled aire	3	55	8	5
12	f	Acheley		23	□♃♂ 9.37 a	3	54	1	6
13	g	Pontface	♍	6	rain	3	52	8	1
14	A	Whit Sund.		19	☿ perigee ent	3	51	8	9
15	b	Sophia	♎	2	✶♄♂ 7.37 a	3	49	8	11
16	c	Bernard		14	thunder and	3	47	8	13
17	d	Diascore		26	lightening	3	46	8	14
18	e	Bernardin	♏	8		3	44	8	16
19	f	Dunstan		19	● opog ☍ ☿ ●	3	43	8	17
20	g	Helen queen	♐	1	inconstant	3	42	8	12
21	A	Trinity Su		13	windclearing	3	41	8	19
22	b	Desiderius		25	△♄● □☿●	3	40	8	20
23	c	Francis	♑	6	moisture	3	39	8	21
24	d	Adeline		28	✶♃● △☿●	3	38	8	22
25	e	Urbanus	♒	0	faire and	3	37	8	23
26	f	Term begin		13	✶♃☿ 4.25 a	3	36	8	24
27	g	Bede pri		26	windy	3	35	8	25
28	A	1 Sun af Tr	♓	9		3	34	8	26
29	b	Felix		22	clear	3	33	8	27
30	c	Petronell	♈	6	red clouds	3	32	8	22
31	d	Nerius		20	remiss	3	31	8	29

Iune hath xxx dayes.

New moon 4 day, at 6 and 13 min. in the afternoon.
First quarter 11 day, 8 min. after 8 at night.
Full Moon 19 day, 51 min. after 7 at night.
Last quarter 27 day, 14 min after 11 before noon.

1	e	Nichomede	♉	5	windy	3	30	8	30
2	f	Marceline		20	□☉♃ 9.21 p	3	30	8	30
3	g	sun rise 3, 31	♊	5	☌♀♄ 10. 2 a	3	29	8	31
4	A	2 sun af. Tr.		20	misling if not	3	29	8	31
5	b	Boniface	♋	4	thun. & light.	3	28	8	32
6	c	Wolstan		19	△♃☽. ✶♀☽	3	28	8	32
7	d	Medard	♌	4	temperate	3	28	8	32
8	e	Claudius		18	warm	3	28	8	32
9	f	Edmund	♍	1	☽☍ 5.18 a	3	28	8	32
10	g	Innocent		14	winds	3	28	8	32
11	A	Earth in ♈		27	clouds	3	27	8	33
12	b	Basil	♎	10	♀ apog. eccent	3	27	8	33
13	c	Anthony		23	rain, thunder	3	27	8	33
14	d	Term ends	♏	5	□♃☿ 11.2 p	3	27	8	33
15	e	Vite Mode		17	✶♄☿ 7.41 a.	3	28	8	32
16	f	Richard		28	& lightening	3	28	8	32
17	g	Botulph	♐	10		3	28	8	32
18	A	4 sun aft. Tr.		22	△♄☽. □♃☽.	3	28	8	32
19	b	Gervase	♑	4	more temper	3	28	8	32
20	c	Edward		16	✶♄♀ 7. 19. a	3	28	8	32
21	d	Walburge		28	a mitigation	3	29	8	31
22	e	Albane	♒	10	of heat	3	29	8	31
23	f	Ethelred		23	☽☊ 7.33 p	3	30	8	30
24	g	John Bapt	♓	5	variable	3	30	8	30
25	A	5 Sun af Tr		18	wind or rain	3	31	8	29
26	b	John & Paul	♈	2	☌☉☿ 9.41 a	3	32	8	28
27	c	Crescence		15	month ends	3	33	8	27
28	d	Leo		29	with thunder	3	34	8	26
29	e	Peter Apost.	♉	14	☌♂☿ 10.8 p	3	35	8	25
30	f	Con of Paul		29	& heat.	3	36	8	24

July hath xxxi dayes.

New moon the 4 day, at 11 and 35 min. before noon.
First quarter 11 day, 46 min. after 7 in the morning.
Full moon the 19 day, at 9 and 54 min. before noon.
Last quarter the 26 day, 6 min. past 5 afternoon.

1	g	Theobald	♊	14	winde, thun-	3	37	8		
2	a	6 Su. af. Tr		29	△♃☌.47 p	3	38	8	23	
3	b	Thom. tranſ.	♋	13	der & lighten	3	39	8	22	
4	c	Mar. tranſ.		28	ing for many	3	40	8	21	
5	d	Foe Virgin	♌	12	△☉♃9.18 p	3	41	8	20	
6	e	Hector		26	dayes	3	42	8	19	
7	f	Thom. Mar	♍	9	coole □☿☽	3	43	8	18	
8	g	Grimbald		22	fatre ☌♃☽	3	44	8	17	
9	a	7 Su. af. Tr	♎	5	☌ apog. epic.	3	46	8	16	
10	b	7 Wrethren		18	☌☉☌9.2p	3	47	8	14	
11	c	Pius	♏	0	thund. & rain	3	49	8	13	
12	d	Nabor & Felt		13	□☿☽	3	51	8	11	
13	e	Earthin	♒	25	✶☿☿4.2 p	3	52	8	9	
14	f	Revel		7	rain like	3	54	8	8	6
15	g	Swithin	♐	19	□♃☽	3	55	8		5
16	a	8 Su aft Tr		1	remiſſe heat	3	57	8		3
17	b	Alexius	♑	13		3	58	8		2
18	c	Arnolphe		25	temperate	4	0	8		0
19	d	Deg da beg.	♒	7	☌♄☿5.34 p	4	1	7	59	
20	e	Margaret		19	ſhowers	4	3	7	57	
21	f	Praxede	♓	2		4	4	7	56	
22	g	Mary Mag.		15		4	6	7	54	
23	a	9 Su aft Tri		28	fair □☿☽	4	8	7	52	
24	b	Chriſtina	♈	12	✶♄☿8.54 a	4	10	7	50	
25	c	James Apoſt		26	more coole	4	12	7	48	
26	d	Anne	♉	10	□☌☽. △☿☽	4	14	7	46	
27	e	Martha		24	□♄☽. ✶♃☽	4	16	7	44	
28	f	Sampſon	♊	8	☽ perig	4	18	7	42	
29	g	Felix		23	temperate	4	20	7	40	
30	a	10 Su aft Tr	♋	8	gentle gales	4	22	7	38	
31	b	German		23	of winp.	4	24	7	36	

August hath xxxi dayes

New Moon the 2 day, at 7 and 59 min. in the morn.
First quarter the 9 day, 35 min. after mid-night
Full Moon 17 day, 47 min. after 10 at night
Last quarter 24 day, 26 min. past 10 at night
New Moon the last day, 4 min past 9 at night.

1	c	Lammas day	♌	7	[illegible]	4	26	7	34
2	d	Moses		20		4	28	7	32
3	e	Jub. Steph.	♍	4	rmisse heat	4	30	7	30
4	f	Justine		17		4	32	7	28
5	g	Oswald	♎	1	Windy, and	4	34	7	26
6		11 Su. af Tr		13	☍♃☿ 1.2 p	4	36	7	24
7	b	Festum Jesu		25	rain like	4	38	7	22
8	c	Cyriack M.	♏	8		4	40	7	20
9	d	Roman		20	☌☽□△♀☽	4	42	7	18
10	e	Lawrence	♐	3	lightening	4	45	7	15
11	f	Tyburtius		15	cold	4	47	7	13
12	g	Clare Virg.		27	♄ apog. epic	4	49	7	11
13		Garth in ♓	♑	9	☌☉♄ 10.56 a	4	51	7	9
14	b	Eusebius		21	cloudy & rain	4	53	7	7
15	c	Mum. Mar	♒	3	like	4	55	7	5
16	d	Rochus		16	inconstant	4	57	7	3
17	e	Octa. Laur.		29	✶♀☿ 5.8 p	4	59	7	1
18	f	Helen	♓	12	raines	5	2	6	56
19	g	Magnus		25	△♀●.☍☿●	5	4	6	54
20		13 Su. af Tr	♈	8		5	6	6	52
21	b	Bernard		22	variable	5	8	6	50
22	c	Simphron	♉	7		5	10	6	48
23	d	Timothy		21	winds & clouds	5	12	6	46
24	e		♊	5		5	14	6	44
25	f	Lewis King		19	☿ perig epic.	5	16	6	42
26	g	Irenius	♋	3	rain like	5	18	6	40
27		14 Su. af Tr		18	wind and	5	20	6	38
28	b	Augustine	♌	2	☌☉☿ 19.48 p	5	22	6	36
29	c	John behead.		16	rain.	5	24	6	34
30	d		♍	0	♃ perig epic	5	26	6	34
31	e	Cucthber.	♎	31	fair	5	29	6	31

September hath xxx dayes

First quater the 8 day, 5 min. after 7 at night.
Full moon the 16 day at 10 and 15 min. in the morn.
Last quarter 22 day, 23 min. after 4 in the morning.
New moon the last day, 3 min. after 11 before noon.

1	f	Giles Abbot	♍	26	☍☉♃5.55 a	5	31	6	29
2	g	Anthony	♎	9	great winds	5	33	6	27
3		15 Su af Tr		21	☌♄☍0.30 p	5	36	6	24
4	e	Cuthbert	♏	4	and tempests	5	38	6	22
5	c	Bertin		16	△♃☽.□♀☽	5	40	6	20
6	d	Eugenius		28	cloudy	5	42	6	18
7	e	Emuricus	♐	10	☽apog.□☌☽	5	44	6	16
8	f	Nat. of Mar.		22	□♃☽.△♀☽	5	47	6	13
9	g	Silvius	♑	5	inconstant	5	49	6	11
10		16 Su. af Tr		17	✶♃☽.△☿☽	5	51	6	9
11	b	Martian		29	winds brings	5	54	6	6
12	c	Guidon mar	♒	12	ing rain	5	56	6	4
13	d	Earth in ♈		24	overcast	5	58	6	2
14	e	Holy Crosse	♓	7	☍☌☽.☍♄●	6	0	5	0
15	f	Octa. Mary		21	winds	6	2	5	58
16	g	Edith	♈	4	☍♃☿22.32 p	6	4	5	56
17		17 Su. af Tr		18	bringing rain	6	6	5	54
18	b	Victor & Co.	♉	2	△♄●.△♀●	6	9	5	51
19	c	Theodore B.		16	△☌●.✶♃☽	6	11	5	49
20	d	Eustace	♊	1	☌♄♀5.2 a	6	13	5	47
21	e			16	cold rain	6	16	5	44
22	f	Mauricius	♋	1	overcast	6	18	5	42
23	g	Linus first P.		15	☍♃☌3.10 p	6	20	5	40
24		18 Su af Tr		29	cold winds	6	22	5	38
25	b	Firmin	♌	12	ing. clouds	6	24	5	36
26	c	Cyprian		26	be re fair and	6	27	5	33
27	d	Cosm. & Da.	♍	10	mo r.	6	29	5	31
28	e	Exuperius		23	clea ♀4.6 p	6	31	5	29
29	f		♎	5	☍♃ crate &	6	34	5	26
30	g	Hieron		18	temp	6	36	5	24
					clear.				

October hath xxx dayes

First quarter the 8 day, at 2 and 17 min. afternoon.
Full moan the 15 day, 4 min. after 9 at night.
Last quarter the 22 day, 51 min. after high noon
New moon the 30 day, 37 min. past 3 in the morning

1	a	19 Su. af Tr	♏	00	overcast	6	38	5	22
2	b	Leodegar		12	more clear	6	41	5	19
3	c	Cand. Mar.		24		6	43	5	17
4	d	Francis cons.	♐	6	clouds	6	45	5	15
5	e	Apolinar		18	☌♂♀☉.56a	6	48	5	12
6	f	Faith Virg.		29	rainslike wea	6	50	5	10
7	g	Mark Pope	♑	12	ther	6	52	5	8
8	a	20 Su. af Tr		24	△♂☽. △♀☽	6	54	5	6
9	b	Dionysius	♒	7	moist	6	56	5	4
10	c	Gedeon		20	☽☊ 5.17p	6	58	5	2
11	d	Nicasius	♓	2	rain	7	1	4	59
12	e	Colman		15	more clear	7	3	4	57
13	f	Garth in ♉		29	tempestious	7	5	4	55
14	g	Calix	♈	13	weather	7	7	4	53
15	a	21 Su. af Tr		27	variable	7	9	4	51
16	b	Michael	♉	11	△♄☽. ✱♃☽	7	11	4	49
17	c	Florence		26	cold	7	13	4	47
18	d	Luke Evang	♊	11	☽perig. □♄☽	7	16	4	44
19	e	Frideswid		26	☌☉☿15.43p	7	18	4	42
20	f	Austrebert	♋	11	wind causing	7	20	4	40
21	g	11 Virg mar		25	rain.	7	23	4	37
22	a	22 Su. af Tr	♌	5	variable	7	25	4	35
23	b	Term begin		23	△♃☿8.11p	7	27	4	33
24	c	Chrispin	♍	7	wet & windy	7	29	4	31
25	d	John trans.		20	more clear	7	32	4	28
26	e	Ursula	♎	3	△☉♃4.26p	7	34	4	26
27	f	Victor		15	but windy	7	36	4	24
28	g	Sim. & Jude		27	overcast	7	38	4	22
29	a	23 Su. af Tr	♏	9	cold	7	40	4	20
30	b	Germane		21	inconstant	7	41	4	19
31	c	Quintin	♐	3		7	43	4	17

November hath xxx dayes.

First quarter the 7 day, 36 min. after 8 in the morn.
Full Moon the 14 day. at 7 and 33 min. in the morn
Last quarter the 20 day, 13 min after midnight.
New Moon the 28 day, 25 min. after 11 at night.

1	d	All Saints	♐	15	☽apog.	7	45	4	15
2	e	All Souls		26	wind & cold	7	47	4	13
3	f	Theophilus	♑	8	rain	7	49	4	11
4	g	Amantius		20	□♀☽.✶♂☽	7	51	4	9
5	A	Powd. Plot	♒	2	inconstant	7	53	4	7
6	b	Leonard		14	great wind if	7	55	4	5
7	c	Wilfride		27	□♄☿ 2.34 p	7	57	4	3
8	d	4 Crowned	♓	10	not rain for	7	58	4	2
9	e	Theodore		23	many dayes	8	0	4	0
10	f	Martin bish	♈	7	□♃☿ 5.26a	8	1	3	59
11	g	Martin		21	☿ apog eccent	8	3	3	77
12	A	Earth in ♊	♉	5	✶♂☿8.27p.	8	5	3	55
13	b	Brice		20	more warme	8	6	3	54
14	c	Frederick	♊	5	● perig.	8	8	3	52
15	d	Machute		20	△♂● ☍☿●	8	10	3	50
16	e	Edmund	♋	5	windy	8	12	3	48
17	f	Init Relig		20	overcast	8	14	3	46
18	g	Gelasius	♌	4	more clear	8	15	3	45
19	A	26 Su. af Tr		19	close	8	17	3	43
20	b	Edmund	♍	3	cold cloudy &	8	18	3	42
21	c	Pres. of mar.		16	□☉♄8.17 p	8	19	3	41
22	d	Cicely Virg		29	a dark season	8	21	3	39
23	e	Clement	♎	12		8	22	3	38
24	f	Grisogon		25	windy	8	23	3	37
25	g	Katherin V	♏	7	winds clear=	8	24	3	36
26	A	27 Su. af Tr		19	□☉♃10.26a	8	25	3	35
27	b	Agricola	♐	00	ing the aire	8	26	3	34
28	c	Term ends		12		8	27	3	33
29	d	Saturn		24	☾apog.✶♂☽	8	28	3	32
30	e	Andrew Ap.	♑	5	inconstant.	8	29	3	31

December hath xxxi dayes

First quarter the 6 day, 32 min. after midnight
Full moon the 13 day at 5 and 57 min afternoon
Last quarter the 20 day, 46 min. past 2 afternoon
New moon the 28 day, at 8 aclock at night.

1	f	Eligius bish	♑	17	△♄☿ 1.47a	8	29	3	31
2	g	Libane		29	snow like	8	30	3	3[illegible]
3	a	Advent Sun	♒	19	✶♀☽	8	30	3	3[illegible]
4	b	Barbara		23	☽☊2.4 a	8	31	3	2[illegible]
5	c	Nicholas	♓	6	cold rain or	8	31	3	2[illegible]
6	d	Sabrabbot		18	□♄♀3.40 a	8	32	3	2[illegible]
7	e	Ambrose bish	♈	2	snow	8	32	3	2[illegible]
8	f	Concep Mar		15	variable	8	32	3	2[illegible]
9	g	Cyprian		29	☍♂☽	8	32	3	28
10	a	1 Sun. af Ad.	♉	14	□♃♀10.35p	8	32	3	28
11	b	Earth in ♋		29	more tempe-	8	32	3	28
12	c	Paul Bishop	♊	14	rate	8	33	3	27
13	d	Lucie		28	♀perig eccent	8	32	3	2[illegible]
14	e	Nichasius B	♋	13	cold, frost y e	8	32	3	2[illegible]
15	f	Valerian B.		28	△♄☿0. 0	8	32	3	2[illegible]
16	g	O sapiencia	♌	13	snow like	8	32	3	2[illegible]
17	b	2 Sun af. Ad		28	cold rain or sn	8	32	3	2[illegible]
18	a	Gratian	♍	11	☌☉☿7.47p	8	32	3	2[illegible]
19	c	Venesi		25	✶♄♂5. 24 a	8	31	3	29
20	d	Julian	♎	8	windy	8	31	3	29
21	e	Thomas Ap		20		8	30	3	30
22	f	30 Martyrs	♏	8	frost	8	30	3	30
23	g	Victoria Vir		10	remisse	8	29	3	31
24	a	3 Sun. af Ad		28	✶☉♂11.56p	8	29	3	31
25	b	Christ birth	♐	9	weather	8	28	3	3[illegible]
26	c	S. Stephen		21	Japog □♃☽	8	27	3	33
27	d	S. John.	♑	3	frost	8	26	3	34
28	e	Innocentia		14	snow like	8	25	3	35
29	f	Tho. Beck. t		26	△♄♀4. 28 p	8	24	3	36
30	g	James trans.	♒	8	✶☉♃9.5a	8	23	3	37
31	a	1 Su af Chr		20	windy	8	22	3	38

HEMEROLOGEION.

Catatypoſis Eclipſeon.

OR

A breiſe Deſcription (being a tru through-out) of thoſe Eclipſes that ſhall be manifeſted *to the inhabitants of this terreſtiall Globe, this preſent year* 1654.

THis place would require an Apology, to convey our ſelf into freedom from our deſpiſers, alſo againſt our detractors; but it is not our property to contend, (as being broken off or ſhut up thereto) our endeavours are inclined otherwiſe, and our invencion is dead as to this; yet the world is full of calumniaters, every one contending with that which ſeemes to adhere to his own contradiction: and it's a fooliſhneſſe to contend with them who gnarrs their own eſſence, and breaks it off from its own beginingneſſe, and ſo runs on in the manifoldneſſe: notwithſtanding it is the property of Eternity, through his eternal goodneſſe, by the divine proceedant to ſtrive for a manifeſtacion of himſelfe to his creatures, and to this end he hath arrayed Nature with the veſture of miraculous accidents, who is continually diſplaying the Banner of ſtrange appearances, as not onely Hiſtory but the eye preſence of theſe times can teſtifie: yet the enquiry of this later age by an earneſt ſearch have diſcovered the myſtery thereof, yea and hath diveſted Rome of all her Chaldaick and Egyptiack robes, I mean thoſe adventicious figments and monſtrous fictions of an-

tique suppositions; those Pseudo tectures of adamantine orbes, maintained by the peripatetick Sect; and also have indued her with the simple robe of verity, who is onely girded in an elliliptick form, and admits of the Earths mobility, so that we have power to antidate appearances, *ad amussim* to the phenomenon, as hath apparently been performed within this few yeares, and made the vulgar to stand amazed at the powerfulness of the Art, yea and our Baalish Preist to affirm that there is no such wonders within the contermine of nature that can be signified by man onely, but hath imputed the same to the revelation of spirits, who lies captivated in the confines of obscurity and knowes as little as himselfe.

But now we come to our purpose in hand *viz.* to antidate those Eclipsaicall appearances, that shall be presented to the veiw of the inhabitants of the Earth, this present yeare 1654. of which there will be four, *viz.* two of the Moon, and two of the Earth: and those which shall be conspicious in our Brittish Hemispheres you may behold as they are inserted in their proper places.

The first of these is an Eclipse of the Earth, and will happen with us, according to the apparent time on the 7 day of Februaty, at 6 a clock and 30 minutes in the morning: the Earth in respect of the Sun, and the Moon in respect of the Earth then obtaining the 29 21 of ♌. and the ☽ the opposit point thereto, but this cannot be conspicious with us because the Luminaries, are then under our Horizon, and the ecclipsed parts of the Earth are these, as the Ile *De la Poveada*, Ile *Iona*, *nue Compaigne Idel Engano*, the province of *Iava*, and the Iles that lies on the South coasts of the Atlantick ocean. I say the inhabitants of those Countries (if any such be) shall behold themselves most terribly eclipsed, and the beames of the Sunn totally obscured, even in their Meridian, for the Moon then having little or no latitude, make the darknesse more permanent.

The second Eclipse is of the Moon, which is incident o

the 20 day of February. 6 hours, 19 minutes in the morning and it is affirmed by *Eucbſtadius*, *Argoll*, and other Ephemeridiſts, (unto whom many of our Calendariographers adhere) that this eclipſe will not be viſible. Indeed in thoſe Meridians to whom their Ephemerides are dedicated, it may not be viſible, becauſe they lived more E. ſterly then wee, by more then an houre: however the true aſtronomicall acount holds that here in the Meridian of *Leeds* (if the denſity of the aire permit) we ſhall in part beholde it; for according to the phiblaick Tables of *Bullialdus*, the middle time thereof is at 6 houres 29 m. and 58 ſe: alſo according to *Harmonicon Cœleſte* it is at 6 houres 29 m and 25 ſe the moon being but 4 minutes after to deſcend under our Horizon, as alſo appeares more plainly by this manner of calculation following.

The begining of this Eclipſe is at	21.	4.	57.	20	morning.
Greateſt obſcuration.	21.	6.	5.	29	
True oppoſicion.	21.	6.	14.	29	
The End.	21.	7.	14.	38	
Totall duracion.		2.	17.	18	
Digits eclipſed are. 4. 00. 51.					
Declination of the Earth north.			6	41	00
Aſcencionall diſference ſubſt			9	17	25
Semidiurnall arch in degrees			80	42	35
Diurnall arch in degrees			161	25	10
Length of the day in houres			10	45	41
Time of Sun-riſing			6	37	9
Exact time of ☾ comming to the South		20 d	11	45	38
Declination of the ☾ north			7	26	14
Aſcencionall diference add			10	20	00
Semi-nocturnall arch in degrees			100	20	00
Semi-nocturnall arch in houres			6	41	20
Time of the ☾ ſetting 21 day morning			6	26	58

Hence it is apparent that the Moon ſets 10 m. 11. before the riſing of the Sun, by reaſon of her ſouth latitude, notwithſtanding (as afore ſaid) we may expect the veiw of it from

the begining untill 12 m. 29 se. after the true oppoſicion, if this computacion (which is grounded on the beſt aſtronomicall Tables now extant) may be accepted for aſſurance: but ſeeing that ſome of our Aſtonomers have already agreed to the aforeſaid Ephemeridiſts, and alſo I doubt that few will take notice of it, therefore I leav to write further thereof, asbeing unwilling to enter into contencion, only I add this direction. *Quod deliquium Lunæ eodem momento, eadem quantitate univerſis, ſupra quorum horizontem ipſa orta eſt, conſpicuum eſſe.* Maeſtlin. *lib. quart. epit. Aſtron. pag.* 455. Kepler. *Aſtro. opt.*

The third Eclipſe is of the Earth, on wenſday the ſecond day of Auguſt in the forenoon, and will be viſible to us in England, as appeareth by this following ſkeleton, which I have endeavoured to perform according to the commands of *Bullialdus*, the moſt abſolute now remaining, and allowing of trigonometricall operacion, as much as neceſſity requires, which is the very path that leads to the ground of verity. Therefore let us examin it thus, the time of the mean Conjunction at *Vranikurge.* is 2 d. 10 ho. 52 m. 45 ſe: diference of Meridians ſubſt. 51 m hence the time of the mean Conjunccion at *Leeds* is 2 d. 10 ho. 1 m 45 ſe. the interval between the mean and tru ſubſt. 11 ho. 52 m 37 ſe. the middle time of the tru Conjunction is one d. 22 h. 9 m 7 ſe. by which we have theſe mocions. *viz*

True place of ☉ and ☾ in appearance	♌	19	d. 34	25
The Earth then being in	♒	19	34	15
Right aſcenſion of the ☉		142	00	2
Right aſcenſion of the ☾		142	9	35
Anomalie of the Earth attending the Sunns place in appearance,		213	38	5
Anomalie of the ☾ co-equated	8	10	3	5
True mocion of the Moons latitude	5	24	25	2
Hence her true latitude north deſc			29	
Reduction to the Ecliptick add			1	2
Place of the ☾ in Ecliptick	♌	19	35	4

Time of reduction subst.		2	31
Time of the true ☌ corrected day 1	22 *b*	6	36
Equation of dayes subst.		6	55
Apparent time at *Leeds* day 1	21	59	41
Hourly mocion of the ☉		2	24
Hourly mocion of ☾		35	5
Hourly mocion of ☾ from ☉		32	42
Semidiameter of ☉ ex anomalia		16	24
Semidiameter of the ☾		16	29
Semidiameter of the residuall circle			5
Semidiameter of the Earths Disce		58	57
Semidiameter of the penumbra		32	53
Sum of the semidiameters	1	31	50
Differente of the semidiameters		26	4

The latitude of the Moon 29m. 6 se. being added to the semidiameter of the penumbra is 61 m. 59 se. and because it is greater then the semidiameter of the Earths Disce, shews that part of the penumbra passeth into the Aire.

The Trigonometricall processe, or determination of the whole duracion.

The arch B ☉ in the following Skeme	18 h	30	00
The complement therof B ☾	11	30	00
Right sine of it A B		87	8
The whole C B		174	16
The arch D C	29	35	00
Complement thereof C P	60	25	00
Right sine C A		51	16
The whole C V		102	32
The totall duracion	5	19	55
The whole centrall duracion	3	8	14

at Sun-rise	beginning	1	29 19 49	Post Merid.
	centrall Eclipse	1	20 25 54	
at Sun-rise	centrall Eclipse	1	23 33 48	Post Merid.
	end	2	00 39 33	

Thus far hath our calculation proceeded in a generall forme; now come wee to handle the same more perticularly, and poynt out to the veiw of the observer, such places of the Eclipsed earth as shall be obedient to these five several appearances; being a most perfect determinacion, exactly performed according to the method of *Bullialdus*, who hath introduced the same to light for the benifit of posterity:

1 *A Determinacion of the place of the Earth, where the Sun appeares centrally eclipsed in 90d of the Ecliptick.*

The apparent time at *Leeds* in degrees		329	55
Latitude of the Moon north descend		29	6
Altitude of the nonagesime degree		60	25
Point in the East	♏	19	31
Altitude of the north-pole		41	41
Oblique ascencion of the ascendent		244	13
Right ascencion of mid-haven		154	13
Right ascencion of M C at *Leeds*		111	55
Right ascencion of ☉		242	00
Difference of longitude in the east		42	18
Longitude of the place enquired		66	25

2 *Determinacion of the place of the Earth, where the Eclipse begins at Sunrise.*

The apparent time at *Leeds* in degrees		289	57
Right ascencion of mid heaven		71	57
Latitude of the Moon north descend		39	57
Altitude of the nonagesimedegree		47	24
The point ascending	♌	19	34
Altitude of the north pole		57	34
Oblique ascencion of the horoscope		116	49
Right ascencion of mid heaven		26	48
Difference of longitude in the west		45	8
Longitude of the place enquired		338	59

3 *Determinacion of the place where the Sun appeare centrall eclipſed at his riſing*

The apparent time at *Leeds* in degrees		306	23
Right aſcencion of mid heaven		88	26
Latitude of the Moon north deſcend		36	3
Altitude of the nonageſime degree		52	16
Point aſcending	♌	19	34
Altitude of the north pole		54	55
Oblique aſcencion horoſcope		120	11
Right aſcencion of mid heaven		30	11
Difference of longitude in the weſt		58	12
Longitude of the place enquired		325	55

4 *Determinacion of the place where the Sun appeares centrall eclipſed at his ſetting*

The apparent time at *Leeds* in degrees		353	27
Right aſcencion of mid heaven		135	27
Latitude of the Moon north deſcend		27	6
Altitude of the nonageſime degree		32	38
point aſcending	♎	19	34
Altitude of the north pole		8	46
Oblique aſcencion of the horoſcope		324	21
Right aſcencion of mid heaven		234	21
Difference of longitude in the eaſt		98	54
The longitude of the place inquired		123	1

5 *Determinacion of the place where the Penumbra, leaves the Earths Diſce at Sun-ſet*

The apparent time at *Leeds* in degrees		9	53
Right aſcencion of mid-heaven		151	53
Latitude of the moon north deſcend		23	46
Altitude of the nonageſime degree		66	33
Point aſcending	♎	43	54

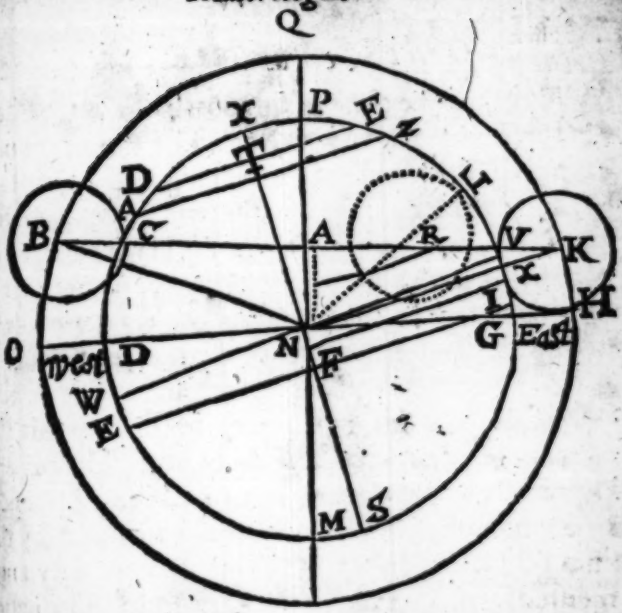
Altitude of the north pole	5	1
Oblique aſcencion of the horoſcope	323	2
right aſcencion of mid-heaven	233	2
Difference of longitude in the Eaſt	71	3
Longitude of the place enquired	115	3

	d	*h*	*m*	*ſe*	
Beginning at *Leeds*	2	7	40	49	in the Morning
Time of the viſible ☌	2	8	52	32	
Greateſt obſcuracion	2	8	53	38	
The End	2	10	8	30	

Theſe Calculations are of excellent uſe, for they will ſerv as a director, to poynt out ſuch places of the Earth as ſhall inhabit the veiu of the moſt eminent appearances of this Eclipſe, and if obſervacion may be made, where the Sun is preſented centrally eclipſed, it would be an excellent poſture whereby the diligent Artiſt, may make prooſe of the true dimenſions of the apparent greatneſſe of the two Luminaryes, and communicate the ſame with the remayn of our *European* Aſtronomers, ſo that a true rectificacion may be made of this noble Science, they will alſo ſerve as a generall Sea-mark, to ſayl eaſtward (from our Britiſh Iland) over the mediterranean Sea, by the Ile *Alepo* to the northern coaſts of *Syria*: and alſo over *Mar del Nort*, weſtward by the *Aſores* Ilands, thorough *Davids ſtraits*, and thoſe northern parts of *America*, which ſhall be under the aforeſaid Determinacions.

However for the better underſtanding of theſe, and to determine the paſſage of the penumbra over the Earths Diſce I have here inſerted this preſent Diagram

In



lawhich the circle P, D, M, G, repreſents the Diſce of the Earth, or the apparent Hemiſphere thereof according to that quantity it would appear in the Heavens, if beheld from the Moon: N the center of it, to which poynt, the Sun is in the Zenith: D N G the Zodiack, whoſe north pole is P and ſouth pole M; the north pole of the Earth Γ, whoſe ſouth pole is oppoſit to that below the Earths Diſce. E F Γ ſhewes the Equinoctial circle: T N F b the meridian paſſing by the pole of the world, and the center of the Diſce, to which the Sun is perpendicular: N G the eaſt part of the world, numbred from G according to the walk of the Ecliprick: N D the weſt part B A R K the walk of the Moon: A N her latitude: R L the the Semidiamiter of the penumbra: theſe poynts being thus ſituated in the Heavens, as if upon the Earths Diſce.

Of

Of the Effects of this Eclips.

AT the middle time of this notable Eclips, we have the Luminaries near the cusp of the 11 house, eclipsed in the regall signe ♌ (being the house of the ☉) and in the 19 d. 34 m. thereof, holding a partill △ to the poynt eclipsed in *March*, in the year 1652 both being in the fiery tripilcity, which portends great dammage to those persons, cheifly as are signyfied by ☉. Indeed he is naturally the signifieator of Kings, Princes, Magistrates, &c. and as (aforesaid) he is obscured in his own house, so to them it is the forerunner of an adumbration of their Honors and Dignities, and also a deprivacion of their substance. In a word, those effects that was threatned by the Suns eclips, in the year 1652, shall be greatly augmented by this, even in the same form and quality wherein they were then elected: a similitude whereof is as the flowing of a river encreaseth the production of a fountain: and from hence also we may foresee, that there shall come a stormy wind from the bowells of the mid-night, cloathed with an attractive power, and shall drive to the ground many strong towers, whose bellowes is an appearing demure spirituality.

Understand us aright: wee have no planets stationary but only ♄ and he is newly passed from thence into retrogradacion; he also being Lord and cheife

ruler of this Eclips, and unfortunately placed in his own house, and in the 6 of the figure, this denotes an hipocriticall Clergy, who are meer Historians & only endued with the cosmick spirit, I say these shall come, and even now is, and shall draw many (by their seeming purity) into the bowels of their own behaviour, yet the event of such shall be, the form whereof you may find deciphered by the holy ghost in the *Apocalips*; but lest we should be thought to exceed or walk deeper then the naturall grounds of Astrology, therefore wee will be silent, and a little withdraw our selfe, and now insert here some approved Aphorismes, delivered unto us from the Ancients. *Viz*,

Solcum laborare visus fuerit in denario secundo ♌ Regis, magnatum, & procerum, anxietates & detrimenta minitatur. When the Sun shall sufer an eclips in the second face of ♌, it threatens the greife and damage of the King, Magistrates, and noble-men: likewise *Proclus* gives us this generall judgment *viz* if an Eclips of either Luminaries shall happen in the fiery trigon, it hath signification of warres, great drought Seditions, Controversies, Sicknesses, &c. *Etiam si cum fuerit eclipsis solis in signo* ♌, *mortem Regum Potentatum, & Procerum, etiam siccitatem sterilitatem terræ, famemque minitatur Messahalah*: also when there shall an eclips of the Sunn happen in the regall sign ♌ it menaceth the death of Kings, Potentates, and great men, also Dryness, Barreness,

of

of the Earth, and Famin. Moreover *Hermes* his 53 propoſicion of his *Centiloquium* cannot be unfitly applyed to this, for he ſaith, *ſiunt in mundo multa incommoda quando erit in uno menſe utriuſque luminaris Eclipſis, precipuè in locis his quibus eſt ſignificatio eorum ſpecialis*; many troubles and dammages will enſue, and come to paſſe in the world, when there ſhall happen Eclipſes of both Luminaries in one moneth, but eſpecially in thoſe places which are ſubject to the eclipſed ſignes.

By this is meant thoſe places and countreys, that that have a naturall ſympathy, to the now eclipſed ſigne ♌ and alſo to ♉, ♏ and ♒: therefore *Gallia Togata*, *Italy*, *Sicily*, *Bohemia*, part of *Turkey*, are under ♌, alſo *Norway* the higher, *Bavaria*, *Cappadocia*, *Ruſſia*, *Ireland*, *Lorraine*, *Campania*, *Rhetia*, *Parthia*, *Amazonia*, *Moſcovia*, and the ſouth-part of *Swedland*, are under ♉ and ♏, becauſe they hold a quartile Aſpect, and ♒ being oppoſit thereto; for theſe (I ſay) are the places, that are here moſt highly concerned, and ſhall in one form or other, receive the extremity of thoſe effects that ſhall proceed from hence: and certainly, they will be executed in the coyn of malignity: for behold what *Ludovicus* his judgment is concerning this, in the 18 of his Aphoriſmes, where he ſaith *Magna res eſt Eclipſis Solis cum eclipſatur totum corpus, deſtruit & evellit civitates habentes ipſum ſignum Eclipſis in aſcendente radicis, cùm figura Eclipſis cum radice concordant in*

duobus

abus teſtimoniis tantum. And ſhall England be free rom theſe? No, Babyloniſh whore; ſhee ſhall be a ommon receptakle of the portents of this appeaance: it is to thee that I ſpeak, O thou ſeventh Horn f the Dragon! and neither be thou too ſecure, nor eem that thou ſhalt ſleep in ſafety, O thou houſe f *Ahab!* for thy ſubſtance ſhall be ſeperated from hee, and *Jezabel*, thy ownneſs ſhall be magnified n the beaſts of the field or the birds in the ayre.

Vnderſtand us according to our proper ſence: we ave ♄ in his detriment, and ♂ combuſt both beieging and greatly afflicting the eclipſed body, and alſo the ☾ after ſhee ſeperates her ſelfe from the ☉ meets with ♄ and the ♍ now whether this be not a ſad poſicion or no, we leav to the conſideracion of every one: for why ſhould we be ſo active, as to exerciſe our ſelfe in a further explanacion of theſe, ſeeing that time will be accompanied herewith as with a ſtrange attendant: yet know, that the effects will not vigorouſly manifeſt themſelves, untill the yeare 1655. whoſe nativity will be on the 8 day of *December* 1654, and continue from thence 2 years and 174 dayes, but what they will be in particular, truely I think no mortall man can clearly foreſhew, therefore rather then make a more ample expoſicion hereof, I will lie me down as dumb.

The fourth and laſt Eclipſe is of the Moon, upon Thurſday, the 17 of Auguſt, at 10 hours 47 minnutes at night, the the moon (according to the Earth) is in the 4 d. 32 of ♓ being in direct oppoſicion to the Sun, and becauſe thee hath 53m. 6. of South latitude, therefore 1 digits 33. 26. of the South part of her body will incur into the Earths ſhaddow, the time of halfe continuance whereof is 55, 24, and the diference between the true oppoſicion and greateſt obſcuration is 9. 2. add

the Begining at *Leeds*	9	51	36	
true Oppoſicion	10	37	58	at Night
middle of the Eclipſe	10	47	00	
the End	11	42	24	
totall Duration	1	50	48	

This Eclipſe happens near the 11 houſe, the Moon being lately ſeperated from the ☌ of ♄, and applying to the ☌ of ♃ and ☿ who is Lord and cheife ruler therof, is poſited in *Innocent* and there renogade, beholding ♀ with a ✶ aſpect; from hence will proceed high winds, and Thunder, and alſo the increaſe of ſome hot diſceaſes, and ſtrife and contencion about Religion and Eccleſiaſticall affairs: *Proctus* ſa th *Eclipſis Lunæ in* ✶ *Decano primo, ſacerdotibus, & editibus, antiſti, buſque luctum & mœrorem affert: ergo vide ipſimet oſtrictnella Babylonia:* For the dregs of the Cup of thy abominations, belongs to thee: But becauſe this Eclipſe is but a ſmall one therefore the effects of it will not be of the greateſt force, they continuing but about 56 dayes, and alſo ſeeing that the ſolar Eclipſe of the year 1652 is now in its high force, unto which this hath affinity, therefore we leave to make a further examination herein, as being diſſentaneous to the bounds of neceſſity, yet expect *magna combuſtio dum Saturnus comburitur.*

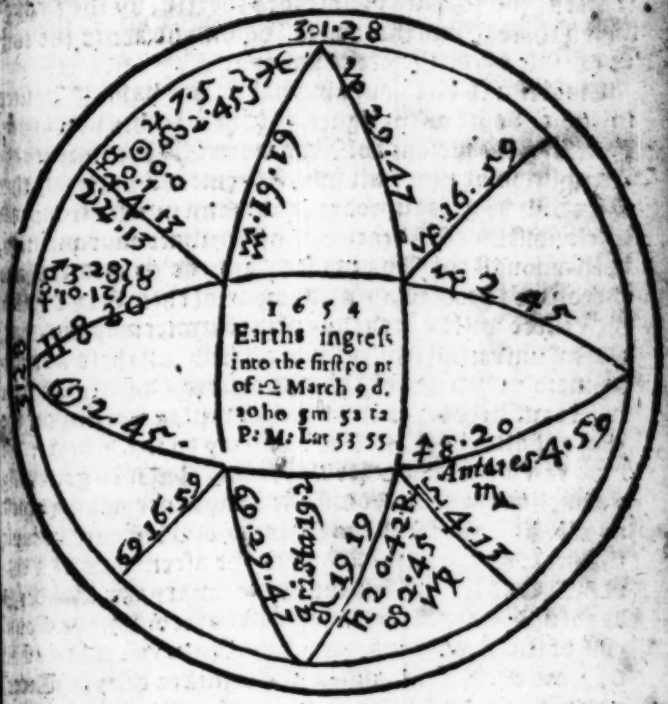
Generall Predictions, naturally deduced from the commands of Astrology, and grounded upon the *Epocha's* of this years revolucion,

And first of the Spring.

The Revolucions of the years of the world, are usally accounted, to take their begining at that point of time the Earth enters into ♎: notwithstanding there is a great difference in the Tables, and Ephimerides of some Astronomers, (who are grounded meerly upon adventicious Hypotheses & are incapable of emendacion) in the constitucion of this point, they differing one from another sometimes an houre: and for me to draw a reconciliacion hereof, truly it brings me but to the veiw of an erroneous multiplicity; yet I can but smile (with pitty) at those, who either through the instruction of Ignorance or negligence; hath been too ready to commit the time allowed by these for the epocha's of their anuall Predictions, and therby have run into a labyrinth of errours: therfore to avoid these, I have endeavoured to examine the time of this vernall Ingresse, according to the theoricall walk of Bullialdu in Lib. 1 Cap. 19. Astron. Phil. (wishing every one would do the like, as being the most absolute way, & agreeing nearest to observacion, & is better then equateing the same by spurs and bridles) according to which it taketh its commencement, this present year upon the 9 day of March 20 houres, 15 min. 52. or rather on the 10 day, 5 min. 32 seconds, after 8 a clock in the morning, at which time the Earth in respect of the Sun enters into the first point of the equinoctiall signe Libra, leveling her axis parralell to the Sun: and causing her to score her diurnall mocion, equally to the Suns superficies: wherby dayes and nights, are divided equally in both Hemispheres.

Now having examined the quality of the Effects of this present Scheme, and compareing the same with the Radixes, and Revolutions, of the severall appearances, that hath already happned in the preceding year; and also with those succeeding: and finding such a continuall agreeingnesse in the operation hereof; all enclining to the execution of the vengeance of an eternall anger: truly, it brings me into amazement therat, and if it were not proper to this place, the consideration thereof would drive my Pen into silence: but seeing that this impression, is as powerfull as the rest, therefore we will handle the essence of the same succinctly by levelling our Pen with the ordinary enquiry of Astrology, and deliver only in a glance, what we find therin, by applying those Aphorismes of the Ancients, as shall be necessary to our present purpose

In the former figure of this Revolution, I find the 8 degree, 20 min. of ♊ to ascend, and the 29 de. 47 ♍ culminating: the one a common signe, the other movable, therefore according to the opinion of Haly and Bonatus, the Effects therof will determine at the Earths Ingresse into ♈, their words are these. Quando ☉ intrat ♈ si ascendens fuerit signum commune, erige duas figuras, viz ad ♈ & ♎ principium, and herein chiefly respecting the Innations prevencionall and postvencionall, we have ♂ exceeding the best of the Planets in number of fortitudes, as having 32 clear Testimonies, next to him is ♀, then ♄, after him ☿, then ☉ and ♃, but the ☾ is weakest of all: now according to the Doctrine of Origanus, ♂ may not undeservedly claim cheife rule of this Revolution and the rather because ♂ is the almuten of the great Eclipse in the year 1652. whose Effects are now in their highest force: cum fuerit ♂ anni dominus, significat æstus, incendia, fulgura, grandines, bella: ut ait Cardanus: when Mars shall be Lord of the year, it foreshews



...wes great Heat, Burnings, Lightenings, Hayle, ...ars: so likewise the increase of dry and hot diseases, ...reason of the inordinate excesse of abominable Exerci...es; also we may expect fresh wars and discords to arise ...ongst us: great contencions and dissencions will in...bit the highest Rocks in most of our neighbouring ...gions, Kingdoms, and Common-wealths: O yea ...ountains of Europe! why do ye hearken to the abo...inable noyse which proceeds from the head of many

 waters,

waters, and ensnare your selves therein, by the strange sound thereof, and thereby fall down and adore the contemptible condition of the baileys:

Understand us in our own habit, we have ♂ posited in the 12 house of the figure, and there in his detriment, possessing the presence of ☽; the moon also applying to the conjunction of him; all which seemes to portend, that there will be great uproars, and many insurrections; also clandistine consultations, and private murmurings, both amongst the Commoners, and the Souldiers, and thereby will proceed an abatement of their fury: Likewise there will be great dissencion betwixt man and wife, and an universall frailty upon all flesh, all these and many more properties of the like nature (which we have not room here for to insert) that will tumble upon the face of all Europe, if God in mercy do not divert: for how can we predict otherwise seeing that men generally are inclined to draw down the vengeance of an eternall anger: also the Heavens do weep and lament, because the great Deep is infected with the ascentions of a corrupted Earth: but lest we should weary the Reader, & be thought extravagant, we will also set down the Counceil of the Ancients herein, who saith, viz, if Mars shall be Lord of the year, and in 8 it signifies hurt to Trees, and Fruits, and mortallity in bruit Beasts, with debate and contencion amongst men. Also when Mars shall be in the second house from the Sun, it threatens great Controversies, strong Infirmities, and little Health amongst men, and this in those places and Climates, which shall be of the Partition of ♂ in which he hath dominion: understand by this, those Places and Countreys which are subject to the signe where Mars is, and also to the signe opposit therto, which is in this 8th house, and is placed in the 6 house, therfore let Ireland beware, she is possessed with a strange guest, who

will

will commit grand insolencies, and tread her under foot: and look to it Polonia, Russia, and Spaine, much of your are entring into sadnesse, or an universal Disease: and Italy, Cicilia, and Rome, her headlesse, it belongs not to me, for such a thing is threatned; and what have I to do with thee O England! for Babell the great Citty of the world is on fire; harke how the flames thereof hisses about the eares of every one, and the Cedars of Europe have broken themselves off from their Root, and are become fuell for this abominable fiestingnesse, therefore O ye Elect of God, come out from hence, and hearken to the voice of your Brother Noah, whom Enoch hath so well commended, for it is he that hath hold of the Wayl of Moses.

Likewise when ☌ and ☍ are joyned in ♉ it signifies that women will scould with their Husbands, and there shall be much Sicknesse, Death, and Mortality, both amongst Men and Beasts, also strong winds and evill, and damage in Trees and Fruits

Moreover, the △ aspect of the ☾ and ♄ points out many false and erroneous Opinions, and great Contentions ensuing from thence, by which I fear the string of fresh Wars, Uproars, and Murthers, will be playd upon: and the Tune of Sadnesse, Lamentation, & Anxiety, will be heard in many places, and for this cause there shall be many infirmities and diseases.

O England these are very near thee, for the ☾ is unfortunately placed in ♈ the sign regent of thee, as being there peregrine, and seperating from one infortune, and applying to another

As for the inclination of the Ayer, I conceive it will generally encline to heat and drynesse, and thereby cause Thunder, Lightening, and Corruscations, to be frequent in divers places, as the ☌ of the Sun and ♀ foreshews: who will sometimes be the genetrix of sudden

showers, as the vicinity of Mars and Venus also intimates, which will be augmented by the trine Aspect of the Moon and Saturn.

Within the limits of this part of the Revolution, will happen a notable conjunction of Saturn and Mars, upon the 3 day of September at 11 a clock and 48 min. before noon according to Argoll: but according to Bullialdus and our countryman Wing, it will be incident 29 m. and 55 sc. after noon, on the same day, in the 2 degr. 45 m. 22 sc. of ♍ in which conjunction Mars shall be elevated above ♄ in many respects: and because we are confined to a certain quantity, therfore the signification thereof we wholly omit, and return to the other part of this years Revolucion now at hand.

Of the Autumn

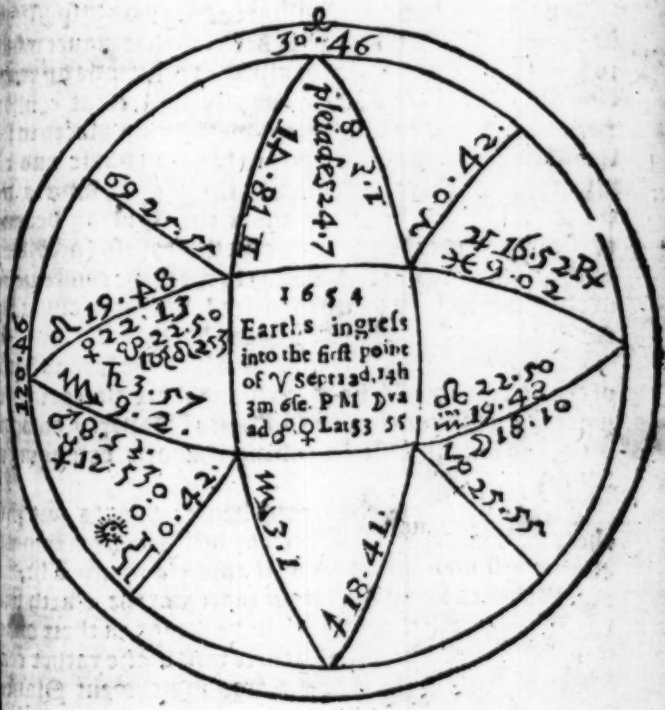
Æ Quinoctium Autumnale, or the Autumnall Quarter which is the fourth and last Quarter Astronomicall, and the third according to our English account: but the first according to the Jewes or true account; by nature is cold and dry, melancholly, resembling old age, and the Element of the Earth: alwayes taketh its begining at that moment of time the Earth enters into the first poynt of ♎: which happens in the Meridian of Leeds this present year (according to Trigonometricall operacion in the former Theorick, and the aparent time) upon the 12 day of Sept: 14 houres, 3 min. 6 sc, post merid: or rather on the 13 day at 2 ho. 3 m. in the morning; the Earth then levelling her axis parallel to the Suns, embraceth the Sun with an equinoctiall appearance, and causeth her to move in her diurnall Revolucion equally the Suns superficies: and carrying also her mocion equally in every Horizon in both Hemispheres, and thereby coequately dayes and nights of an even length every where all the world over.

If the new moon prævencionall which happned on the last day of August: the 24 degree of ♊ ascended and the 16 deg: of ♍ was in culmine cœli.

also at the full Moon postvencionall, which is on the 16 day of this Sept: the 4 degree of ♍ inhabits the mid-heaven, and the 14 degr. of ♍ is in the ascendant.

And in this present Scheme, the 19 deg. of ♌ ascends and the 3 of ♉ culminates.

Now in the examination of all these, wee finde ☿ to


1654
Earths ingress into the first point of ♈ Sept 1 ad. 14h 3m 6se. P M ☽va ad ☌ ☿ Lat 53 55
☌ 30.46
Pleiades 24.7
♊ 18.41
♈ 0.42
♉ 25.55
♓ 18.41
♒ 3.1
♑ 0.42
♐ 12.53
♏ 8.52
♎ 9.2
♍ 3.57
♌ 19.48
♋ 25.55
☽ 18.10
♍ 19.42
☌ 22.50
☌ 22.50
☌ 22.50

exceed the rest of the Planets in number of fortitudes, as having 20 clear Testimonies: next to him is ♄ who hath 10: then the ☾ and ☿: but ♂ ♅ and ☉ are exceeding weak: therefore according to the Doctrine of Argoll and Origanus, we give ☿ the cheif rule of this part of the Revolution.

If Mercury shall be Lord and principall Ruler of the Revolution, and in a good place, and being strong (as now he is) and in aspect of either Fortune; portends a good and fortunate season to Merchants and childer, & those that give themselves to Learning.

But seeing that ☿ is a Planet of various disposition, he commonly distributing his vertu to that planet which is joyned to him by body, or aspect, or otherwise by reception &c: therefore we are to enquire his present consideration more strictly, and herein we find him placed in the second house of the figure, and in his own house and exaltation, and there hastening to the ☌ of ♅, who is retrograde in the 8, he also is under the afflicting beames of ♂ and ♄ in the state of reception thereof: so (according to the commands of Astrology) to them the constitution of this time will somewhat incline, but more especially to the nature of ♄ cosignificator with ☿ herein.

When Saturn shall be infortunate in the second house of the figure (as now he is, as being there peregrine) it portends a diminution in substance, Poverty amongst men, and losse in Offices and merchandize belonging to Saturn

Also if Mars be in the second house, poynts out that there shall be many Theiveries and Robberies committed amongst men, and there will appeare many Theives and Robbers by whom many places of the Earth will be destroyed; and those which have things in their disposing will practise deceit, and these will be the rather confirmed because of the ☌ of the two malevolent Planets

(which

(which happened on the 3 day of this present Sept) will take place in the operation hereof: moreover, the vicinity of Mars and Marcury foreshewes the sprouting up of a company of Idle, Loose, and Phantastical fellowes, whose libely-hood will be meerly on the fruits of their common deceit; and by whom the cogitations of many men will swim in the Cauldron of poysonous inventions, whose object will be the Divine magical mystical Enquiry

Consider us aright, for wee speak very near the Pulpit, yea even in midst thereof; for the present ☍ of ☿ and ♀ portends the same.

Notwithstanding the Diseases this year will be few, as the accidental position of ☿ in the ascendant foreshewes, and the ☾ in the sixth being in oppesition thereto.

Repurga omnia quæ repurganda esse, quod omnia fuerint repurgata

---

Gentle Reader,

LEt it not seem strange, because of our present form, in that wee have here and there delivered our self in a dark course of phrase, as if we were in a Cloud, and spoke through a Riddle: indeed here is nothing to be wondered at, seeing it is the Efflux of a sure ground, and not from our own

Understand we are in our infancy, and these are from thy stalk, which thou hast erected, who appears withered before us, and yet stands in its Crown, *viz* in its highest number; and obtains its own rush: yet it hath pleased our Mother to suffer us to put forth our hand, and take off the Crown for to veil

the

the event thereof: but we are ignorant of its corrupcion, and if we speak of its corrupcion, yet know it is not ours, the corrupcion is thine, which will certainly possess thee without amendment

Beloved, here the great Doctor is blind, and the Clergy cannot see; for these are the great mysteries, and belong only to childer, and not to the proud-conceited, historicall, literall Asse: for behold we have heard from certainty, a Description of many deformed Immages, which were delivered to us for an Admonicion, which we also endeavoured here to inserr, to be as a Looking Glass wherin thou mightest behold thy selfe, and veiu the vanity of thy self; but they are gone, for at the entrance wherof our hand was dasht, and our sence was led captive, and thrown into an amused *Infinitum*, so that we durst not discover them, untill the wheel of a further opportunity brought them about, for the presence of the Destroyer was threatned; in the mean time we stand,

FRANCIS METCALF,
Philomonaicus Philosophus.

FINIS.